



**US Army Corps
of Engineers®**
Philadelphia District

PROJECT FACT SHEET

Dredged Hole #6 Barnegat Bay, NJ

April 2007

CONGRESSIONAL DISTRICTS: Rep. Saxton (NJ-3)

APPROPRIATION / PHASE:
Continuing Authorities / Construction

BUSINESS PROGRAM:
Ecosystem Restoration

AUTHORITY: Section 1135 of the Water Resources Development Act of 1986.

LOCATION: Dredged hole #6 is located in Barnegat Bay, Ocean County, New Jersey, in the southeastern part of the State. The hole is located less than 100 feet west of the Borough of Harvey Cedars on Long Beach Island (LBI), near its northern end, next to NJIWW mile 53. The dredged hole is located approximately 60 miles southeast of Philadelphia and 100 miles south of New York City. The closest major urban center is Atlantic City, located 41 miles to the south.

DESCRIPTION: The project consisted of dredging material from Double Creek Channel within Barnegat Bay using cutterhead suction dredges. The material (approximately 125,000 cy) was hydraulically pumped to dredged hole #6. The hole was filled to an average of -18 ft NAVD. The material was placed using a method that reduced potential for disturbance of existing bottom material (including relatively soft, fine-grained silt and mud) and decreased suspended sediments in the upper water column. Dredged material was placed in mounds on the bottom. By mounding the material, dead SAV will tend to accumulate in the valleys and better benthic habitat will exist on and near the tops of the mounds. The tops of the mounds were placed at depths designed to maximize the benefit of benthic habitat. The mounds also have the potential for creating more habitat heterogeneity and increase the amount of refuge area for juvenile weakfish, soft crabs, and other species that inhabit the dredged hole.

STATUS: A contract was awarded to Cottrell Construction on 18 August 2004. Placement of dredged material was completed in February 2005. Post construction monitoring was conducted during August 2006. Monitoring was funded by USACE ERDC.

FINANCIAL

DATA (\$000)	Fed	Non-Fed	Total
Project Cost	1,913	638	2,551

BUDGET

DATA (\$000)	Comments
FY 02	56
FY 03	73
FY 04	371
FY 06	* 1,338

* Project construction was not fully funded, hence financial data and budget data are not consistent.

Dredged Hole #6, Barnegat Bay, NJ *(continued)*

SPONSOR: New Jersey Department of Environmental Protection

COMMENTS: Coordination with federal and state agencies was conducted to insure environmental compliance. All environmental requirements for this project including permit acquisition have been completed.

PROJECT MANAGER: Terry Fowler
(215) 656-6575
theresa.a.fowler@usace.army.mil